WIEM AYARI

Third-year computer engineering student

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Profile

Final-year engineering student at ESPRIT, passionate about creating modern mobile and web applications. I combine strong technical expertise (full-stack development, performance optimization, and AI solution integration) with a keen sense of UI/UX design focused on user experience. Curious, detail-oriented, and an excellent team player, I'm committed to innovative projects that blend advanced technologies with real added value for users.

Professional Experience

Piqbit – Tunis, Tunisia (Ariana, Tunisia)   *July 1 – September 1, 2025*
Mobile Developer & UI/UX Designer (Internship)

- Developed the Kol Chay mobile application to enhance collaboration between suppliers, drivers, and clients (Flutter, NodeJS).
- Designed a professional UI/UX and integrated real-time tracking and communication features between stakeholders.

Smart Exam – Esprit School of Engineering – DSI Esprit (Ariana, Tunisia)   *July 15 – August 30, 2024*
Full-Stack Web Developer (Internship)

- Built a web platform to help teachers detect grade anomalies and recurring patterns among students (Spring Boot – React.js – PostgreSQL – OpenAI API).
- Implemented automatic data validation and clear visualization tools for academic performance monitoring.

Academic Projects

ECO TRACK – Tunis, Tunisia   *January 1 – May 15, 2025*
Full-Stack Mobile Developer & UI/UX Designer (Academic Project)

- Developed a carbon footprint tracking application with product scanning and eco-challenges, using AI for barcode recognition and OCR via Python and Hugging Face (NestJS, Flutter, React.js).
- Designed a professional, intuitive, and user-centered UI/UX.
- Implemented gamification features to encourage sustainable behaviors.

MamAssist – Tunis, Tunisia   *November 1 – December 1, 2025*
Mobile Developer & UI/UX Designer (Academic Project)

- Developed a pregnancy tracking application with personalized advice and secure push notifications (Flutter, NodeJS, Android/Kotlin, iOS/Swift).
- Designed an intuitive UI/UX validated by healthcare professionals to ensure accurate and reliable user guidance.

Technical Skills

Languages & Frameworks:
- Backend: Spring Boot, Node.js, Express.js, Nest.js, Symfony
- Frontend: Flutter, React, Android Kotlin, iOS Swift, Angular, Next.js

Databases: PostgreSQL, MySQL, MongoDB

Tools & Design: Git, Docker, Postman, Figma, Agile/Scrum, Canva, Photoshop

Languages

- French: Fluent
- English: Fluent
- Arabic: Native